

SEQUENCE LISTING

<110> Lowry, Charles V.

<120> Plasmids and Methods for Monitoring Endonuclease Digestion Efficiency

<130> 0410.008

<160> 40

<170> PatentIn version 3.0

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<211> 645

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<213> H. sapiens

<220>

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<222> (1)..(645)

<223> restriction site-free nucleotide sequence corresponding to nucleotides 72394-73038 of chromosome V

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actttgcccc actgccccat tttacagttg tggaaaccga ggtcatagaa ttggtaaatt 120
acgaagaaaa ctgtgtttcc tagtaggtct ccctgccttc actctgcctc caccaccagg 180
agtctctgca ccagtcctc tttctaaggg gtgtgccatc catcactccc caccgcaaac 240
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tgcaacctca gcttgtgttc atggcacact gtgcttctgc taccctggcc ttctctctgc 360
tgtgtgaaca cactaagggt taacccttcc cgttgtcttg gaggggaaaa ttctcccaga 420
tattcaggct tctttgtgtc attcagtctc actcagctca aagggcactt cctctgggct 480
gccctaacct ccaccagaca cccaaactag atgcacaacg ctcgtcactc tttcccatca 540
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 <223> restriction site-free nucleotide sequence corresponding to
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 tatcctttac tgagacagat tggtgaaatt aaaagagcac cagcttaaag atcaggaagc 120
 cagatgctgt tctctgctca ggcccagcct caatcatgtg gccctgggca ggcacctcct 180
 caacttgacc tcagttttgc cctttttaca atggtatcta taagttcttc ttggctctgc 240
 tattctggaa ttatcttatg tagaataagt cttcccaagc tgtgtggggc ttttcttggc 300
 agatttgagg gaagttttgt tctgttttgt tttattgttt gcttaccctg ctactgccag 360
 tgaagtcaac actacaagca gacagtaagc caggaaacat ttctccctgt cagggtcagca 420
 catcccatta ggtggatctg gtgctcaagt ttattagatc aggagaccga tgctggggaa 480
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 <223> restriction site-free nucleotide sequence corresponding to
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<400> 3
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 aaatacaaaa aattagccgg gcgtgggtggg gggcacctgt agtcccaact actcggggagg 120

ctgaggcagg agaatggcat gaacctggga ggcagagctt gcagtgagecc tcagattgca 180
ccactgcact ccagcctggg caacagaatg agactccatc tcaaaaaaaaa aaaaaaacia 240
cttgtccaag tttatatggc ctggtacagg caggatttag gcaactgaat ccacaggtgc 300
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ttcttatcac cccatgtgaa tcagattcag ttgcttcaca ttttcttcac tgctcttacc 120
actgcccgat attatattac agttgtgagt tttgcacctc ttatattaag acagtgtctg 180
ccacatagta agcacttagt atttgctgaa agttgtaaaa gtgcatcaat gaggatccca 240
cagtgccggg cacataatag atattccata aattgttgta aaatagcatt tctctctctg 300
ccagggaaca gggatgaggg tggataaaat ggggagcatt ttgttcaggg atgttttctg 360
gatgtggcat ttgagctaga ccttaaaaga tggagtacaa ttccacaagg aaggcttagt 420
agttgggcat tccaaacaaa aaggacaggt gtttagacat ggaaagcatt agggacattt 480
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 <222> (1)..(514)
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 tagggcctga cacatagggg ttcaataatt gtcaagtgat tgacagaatg aatgaatgga 120
 tggatgagtg aaaaagtctc tccatttcca gtgtgtattc tctctaatat cttctacatt 180
 ctacactgaa attgtctttt tgaaagcctg gacttcttca gtggcttgtc attgccagtg 240
 gataaaatgc agacttttca tctgtgcatt caagaactac cacatatagt ctcagcctac 300
 catttctctt tttttttttt tttagatgga gcctttctct gctgcccagg ctggagtgca 360
 gtggcatggt ctcggttcac tgcaacctct gcctgttggg tgcaagagat tctcctgcct 420
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 ttttagtaga gatggagttt caccatgttg gccca 514

<210> 6
 <211> 507
 <212> DNA
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 <222> (1)..(507)
 <223> restriction site free nucleotide sequence corresponding to
 nucleotides of Chromosome V

<400> 6
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cagacgccag ggcacagac cctaccccca cggttgcttt atgtactctc agggcacagg 180
gacgctttca ttctgtgctc ttatcacact gacttgctgc atctcttgac tgtcagtc 240
tcccactgaa ctacaaacct ttgagagca gaagcccttt ttcttttatt gttttctcag 300
catttcatat cctattgcac aaatcaggac ttggcacata atagatgctc cataagtaat 360
ggttgaataa atgaataaat acatagtacc cgtattagtt tgctagggct tccataacaa 420
aataccacag cctgggtggc ttacacaatg gaattttatt ttctcatggt cttggaggct 480
ggaagtccaa gatcaagggtg cctgcag 507

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<211> 488
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<222> (1)..(488)
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nucleotides of Chromosome V

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gtggcgctct gctgagcaaa gtaatccctc agggcactcc aactctgaga cagaatgatt 180
tatagccctg ttaatccacc aggctgtcaa aaacggccac atcagcagac atacacagag 240
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aggtttttct ctagcacctt cctcatttgt tcaagttttt gccatcttta ttttcatttc 360
ctggtttctt ctacatcctt tcctcttttc ccctccaagt tactaaaaat tctaacaatt 420
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ccagctcaaa ggcagacaag catgggaatt ttctattata gggaggaagg tcagcctttt 180
tttcctattc aggtcttcaa tggattggac gggaaccatc cacattaggg agggcaatct 240
gctttactta gtctcccaa tcaaatgtta atctcatcca gaaatatcag cacacacaac 300
cttagaataa tgtctgacca aatgtctggg cacccaatag ctcaagtcaag ttgacacata 360
aaattaacca tcaactggcc ggacgctgtg gtcacacct gttatccag cactttgggt 420
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<210> 9
<211> 465
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<213> H. sapiens

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<221> misc_feature
<222> (1)..(465)
<223> restriction site free nucleotide sequence corresponding to
nucleotides of Chromosome V

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cttttaggag ttccccttat ttttatatcc tcatcctttc tctatccatg ctcagtcatg 180

gtcaatgtga aatctgtgct gtggctttcc tggcttggct cttcatagat aaacctataa 240
agccaagatt tgagaaatct ttctctctct ctctctctct ctctctctct ctctcaataa 300
agttggtggt cttttttttt tcttttagcaa attggcaaca tttcctatca gattatgtat 360
tggtcacagg ctatacaaac tctaggaact atcagggggt atttggaaga aaaacaactg 420
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<211> 26
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<220>
<223> oligonucleotide used for plasmid construction

<400> 10
gaattcaaaa gtcgacaaaa ggatcc 26

<210> 11
<211> 26
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<220>
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<400> 11
ggatcctttt gtcgactttt gaattc 26

<210> 12
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<400> 12
gagagaattc tataaagctt cgtattccaa tggggagc 38

<210> 13
<211> 34
<212> DNA
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<400> 13
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34

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<211> 51
<212> DNA
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<223> oligonucleotide used for plasmid construction

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51

<210> 15
<211> 41
<212> DNA
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<220>

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41

<210> 16
<211> 45
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45

<210> 17
<211> 45
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<400> 17

aattcgaact agtggtaccg gttaccgccg gcggccgcat gctta

45

<210> 18

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<212> DNA

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49

<210> 19

<211> 50

<212> DNA

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50

<210> 20

<211> 42

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42

<210> 21
<211> 42
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<400> 21

tcgagctcat atgggcccg gctagctggc catggcgct ag

42

<210> 22

<211> 24

<212> DNA

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<400> 22

ctagctgcag ctgttaacgt cgac

24

<210> 23

<211> 24

<212> DNA

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<223> oligonucleotide used for plasmid construction

<400> 23

aattgtcgac gttaacagct gcag

24

<210> 24

<211> 13

<212> DNA

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<223> oligonucleotide used for plasmid construction

<400> 24
tatgagctcg aga 13

<210> 25
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<210> 26
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<220>
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<400> 26
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<210> 27
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<210> 28
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<210> 29

<211> 18

<212> DNA

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<400> 29

acgcgtctag acagatct

18

<210> 30

<211> 17

<212> DNA

<213> Artificial sequence

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<211> 17

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<223> oligonucleotide used for plasmid construction

<400> 31

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17

<210> 32

<211> 17

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<210> 36
<211> 47

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<210> 38
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<210> 39
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<210> 40
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<220>

<223> oligonucleotide used for plasmid construction

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